JOHNS HOPKINS UNIVERSITY			ZANVYL KRIEGER SCHOOL OF ART Baltimore, MD 21218 www.		L OF ARTS & SCIENCES www.jhu.edu/registrar		UNDERGRADUATE INTERNAL TRANSCRIPT	
			Hopkins ID 897043	Date of Birth 09/08/xxxx	JHU Degree and Date Conferred xxxxx		Date Printed 11/2/2015	
Year of Study Senior	Major Physics		Advisor Heckman, Timoth	y Martin			Page 1 of 3	
Other Major(s) Mathematics;Appli	ed Mathematics and S	Statistics		Minor(s) xxxxx	•			
DIV DEPT CRSE# COURSE TITLE				<u> </u>	CRSE GRADE CREDITS	GPA GPA	1	

DIV	<u>DEPT</u>	CRSE #	COURSE TITLE		CRSE AREA	GRADE	CREDITS	GPA CREDITS	GPA PTS	
Fall 2			Advanced Placement Exam	mination						
	APPM		Statistics EN.550.111		EQ		4.0			
	BIOL		Biology (Lab I Waived) A		N		4.0			
	BIOL		Biology (Lab II Waived)	AS.020.152	N		4.0			
	CHEM		Chemistry AS.030.101		N		3.0			
	CHEM		Chemistry Lab AS.030.10	5	N	//	1.0			
	CHEM		Chemistry AS.030.102	,	N	/	3.0			
	CHEM CSCI		Chemistry Lab AS.030.10	0	N E	4	3.0			-
	EART		Comp Sci A EN.600.107 Env. Science TR.270.100		N		4.0			-
	ECON		Econ - Mac AS.180.101	4.4.			3.0			-
	MATH		Calculus BC AS.110.108	£	Q		4.0			-
	MATH		Calculus BC AS.110.109		Q		4.0			-
	PHYS	-107	Physics C- Mech (Lab I was	ived) AS.171.101	ĒN		4.0			-
	PHYS	///////////////////////////////////////	Physics C - E&M (Lab II w		EN		4.0			
	ECON		Econ - Mic AS.180.102		S		3.0			
						TOTAL	49.0			
Fall 2	2012				Biome	edical Eng				
AS	CHEM	030.205	Organic Chemistry I		N	S	4.0	0.0	0.0	
AS	EART	270.103	Intro - Global Environment	al Change	N	S	3.0	0.0	0.0	
AS	MATH	110.211	Honors Multivariable Calcu	llus	Q	S	4.0	0.0	0.0	
AS	PHYS	171.201	Special Relativity/Waves		EN	S	4.0	0.0	0.0	_
EN	BMED	580.111	BME Modeling & Design		EN	S	2.0	0.0	0.0	-
			TERM GPA	0.00		TOTAL	17.0	0.0	0.0	-
			CUM GPA	0.00		TOTAL	17.0			
			Dean's List							
Inter	session 201	3			Biome	dical Eng				
AS	COGS	050.124	LaTeX to write academic pa	apers	NS	S	1.0	0.0	0.0	
EN	CSCI	600.220	Malware: Past and Present		E	S	1.0	0.0	0.0	-
			TERM GPA	0.00		TOTAL	2.0	0.0	0.0	-
			CUM GPA	0.00		TOTAL	19.0			
Sprin	g 2013				Pre-M	ajor				
AS	MATH	110.302	Diff Equations/Applic		Q	A	4.0	4.0	16.0	
AS	PHYS	171.202	Modern Physics		N	A	4.0	4.0	16.0	-
ĀŠ	PHYS	171.204	Classical Mechanics II		N	A /	4.0	4.0	16.0	-
EN	APPM	550.171	Discrete Mathematics		Q	A/m	4.0	4.0	16.0	-
EN	CSCI	600.120	Intermediate Programming	411	E	Á-	4.0	4.0	14.8	-
			TERM GPA	3.94	1.1	TOTAL	20.0	20.0	78.8	-
			CUM GPA	3.94		TOTAL	39.0			
			Dean's List							
	ner 2013		1 1 1 1		Physic					
AS	MATH	110.201	Online Linear Algebra		Q	A-	4.0	4.0	14.8	
		# /	TERM GPA	3.70		TOTAL	4.0	4.0	14.8	
			CUM GPA	3.90		TOTAL	43.0			
Fall 2					Physic					
AS	ECON	180.261	Monetary Analysis		S	A-	3.0	3.0	11.1	
AS	MATH	110.401	Advanced Algebra I		Q	A+	4.0	4.0	16.0	
AS	PHYS	171.301	Electromag Thry II		N	A-	4.0	4.0	14.8	

JOHNS HOPKINS UNIVERSITY			ZANVYL KRIE Baltimore, MI		L OF ARTS & SCIENCES www.jhu.edu/registrar	UNDERGRADUATE INTERNAL TRANSCRIPT	
Student Name Mehrle, Nicholas Freeman			Hopkins ID Date of Birth 09/08/xxxx		JHU Degree and Date Conferred xxxxx		Date Printed 11/2/2015
•	Study Major Physics		Advisor Heckman, Timothy Martin				Page 2 of 3
				Minor(s) xxxxx			

DIV	DEPT	CRSE #	COURSE TITLE		CRSE	GRADE	CREDITS	GPA	GPA	
					AREA			CREDITS	<u>PTS</u>	
AS	PHYS	171.303	Quantum Mechanics I		N	A+	4.0	4.0	16.0	
ĀŠ	PHYS	171.323	Physics of Human Energy U	Jse	N	Ā	3.0	3.0	12.0	
EN	APPM	550.420	Intro to Probability		EQ	Ā	4.0	4.0	16.0	
			TERM GPA	3.90		TOTAL	22.0	22.0	85.9	
			CUM GPA	3.90		TOTAL	65.0			
			Dean's List		. 10	1				
Sprii	ng 2014			. /	Physic	cs 🗸 📗	Land Control			
ĀS	ECON	180.385	<b>Evolution and Economics</b>	-11/	S	B+	3.0	3.0	9.9	
AS	MATH	110.417	Partial Diff Equations		Q	A-	4.0	4.0	14.8	
AS	PHYS	171.304	Quantum Mechanics II	HIL	N	A	4.0	4.0	16.0	
AS	PHYS	171.410	Physical Cosmology	L	N	A+	3.0	3.0	12.0	
AS	PHYS	173.308	Advanced Physics Lab		N	Α	* 3.0	3.0	12.0	
EN	APPM	550.453	Mathematical Game Theory		EQ	A	4.0	4.0	16.0	
		# /	TERM GPA	3.84		TOTAL	21.0	21.0	80.7	
			CUM GPA Dean's List	3.88		TOTAL	86.0			
			Dean's List							
Fall 2		100 201	M		Physic		4.5	4.5	167	
AS	ECON PHYS	180.301	Microeconomic Theory Stat Physics/Thermodyn		_S _N	A-	4.5	$\frac{4.5}{4.0}$	16.7 16.0	
AS	PHYS	171.312	Quantum Mechanics			A A+	4.0	4.0	16.0	
AS	PHYS	171.605 171.621	Condensed Matter Physics			A+ A+	3.0	3.0	12.0	
AS	PHYS	172.203	Contemporary Phys Sem		N	B	1.0	1.0	3.0	
EN	APPM	550.361	Introduction to Optimization		EQ	Ā	4.0	4.0	16.0	
		230.301	TERM GPA	3.89	_ <u></u>	TOTAL	20.5	20.5	79.7	
			CUM GPA	3.88		TOTAL	106.5	20.3	17.1	
			Dean's List							
Sprin	ng 2015				Physic	cs				
AS	PHYS	171.502	Undergrad Independ Rsrch		1 11931	S	0.0	0.0	0.0	
	. —		TERM GPA	0.00		TOTAL	0.0	0.0	0.0	
			CUM GPA	3.88		TOTAL	106.5			
			This course is not assigned of	eredit.						
Fall 2	2015				Physic	cs				
AS	MATH	110.619	Lie Groups and Lie Algebra	ıs	Q	X	0.0	0.0	0.0	
AS	PHYS	171.503	Senior Thesis			X	* 0.0	0.0	0.0	
AS	PHYS	171.699	Planets, Life and the Univer	rse		X	0.0	0.0	0.0	
AS	PHYS	171.701	Quantum Field Theory		7	X	0.0	0.0	0.0	
EN	APPM	550.385	Sci Comp: Linear Algebra	11.1	EQ	X	0.0	0.0	0.0	
EN	PCOM	661.250	Oral Presentations		11	X	* 0.0	0.0	0.0	
			TERM GPA	0.00		TOTAL	0.0	0.0	0.0	
			CUM GPA	0.00		TOTAL	106.5			
	CUMUL	ATIVE GPA	. 3.88			TOTAL	87.5			
			REE CREDITS			TOTAL	155.5			
		D/D+ CRED					0.0			
	TOTAL	AP & TRAN	SFER CREDITS				49.0			

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Advisors:

Breckenridge, Adriene 01/28/2013
Robinson, Daniel P 09/03/2013
Mese, Chikako 08/28/2014
Levchenko, Andre 09/04/2012 - 01/06/2013 - (Primary Advisor)
Zhang, Kechen 01/07/2013 - 01/27/2013 - (Primary Advisor)
Heckman, Timothy Martin 05/28/2013 - (Primary Advisor)

\*\*\*\*\*\*End Of Transcript\*\*\*\*\*\*\*

